

# HUNTON & WILLIAMS

HUNTON & WILLIAMS LLP  
1751 PINNACLE DRIVE  
SUITE 1700  
MCLEAN, VIRGINIA 22102

TEL 703 • 714 • 7400  
FAX 703 • 714 • 7410

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TO NAME: William W. Moore  
FIRM: Group 1652 - USPTO  
FAX NO.: 703 746 3169  
PHONE NO.:

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FROM NAME: Scott F. Yarnell  
FLOOR: 17<sup>th</sup>  
DIRECT DIAL: 703 714 7502

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In re Patent Application of :	)	Confirmation No. 9289
	)	
Peter Stougaard et al.	)	Group Art Unit: 1652
	)	
Application No.: 09/824,053	)	Examiner: W. Moore
	)	
Filed: April 3, 2001	)	

For: RECOMBINANT HEXOSE OXIDASE: A METHOD OF PRODUCING SAME  
AND USE OF SUCH ENZYME

**DRAFT CLAIM AMENDMENTS**

Claims 1-8 (Canceled)

9. (Currently amended) [A] An isolated DNA fragment encoding a *Chondrus crispus* polypeptide ~~[in isolated form] having hexose oxidase activity, said *Chondrus Crispus* polypeptide comprising at least one amino acid sequence selected from the group consisting of~~ <sup>the</sup>

- (i) Tyr-Glu-Pro-Tyr-Gly-Gly-Val-Pro (SEQ ID NO:1),
- (ii) Ala-Ile-Ile-Asn-Val-Thr-Gly-Leu-Val-Glu-Ser-Gly-Tyr-Asp-X-X-X-Gly-Tyr-X-Val-Ser-Ser (SEQ ID NO:2),
- (iii) Asp-Leu-Pro-Met-Ser-Pro-Arg-Gly-Val-Ile-Ala-Ser-Asn-Leu-X-Phe (SEQ ID NO:3),
- (iv) Asp-Ser-Glu-Gly-Asn-Asp-Gly-Glu-Leu-Phe-X-Ala-His-Thr (SEQ ID NO:4),
- (v) Tyr-Tyr-Phe-Lys (SEQ ID NO:5),
- (vi) Asp-Pro-Gly-Tyr-Ile-Val-Ile-Asp-Val-Asn-Ala-Gly-Thr-X-Asp (SEQ ID NO:6),
- (vii) X-Ile-Arg-Asp-Phe-Tyr-Glu-Glu-Met (SEQ ID NO:8),

where X represents an amino acid selected from the group consisting of Ala, Arg, Asn, Asp, Asx, Cys, Gln, Glu, Glx, Gly, His, Ile, Leu, Lys, Met, Phe, Pro, Ser, Thr, Trp, Tyr and Val.